support 323 and the transfer object 352 needs to be transparent. The light emitting direction can be determined properly by a person to carry out according to the configuration and fabrication method of the organic light emitting diode and the circuit configuration of the pixel.

[**0076**] [Embodiment 2]

[0077] In the embodiment, the procedures to fabricate a liquid crystal display device are shown in FIGS. 4A to 4E.

[0078] As shown in FIG. 4A, a first material layer 412 is deposited over the substrate 411. As the first material layer 412, it may have the compressive stress or may have tensile stress immediately after film deposition. However, it is important to use materials that do not generate abnormality in peeling due to annealing in forming the peeled layer and the irradiation of laser light and have the tensile stress in the range of 1 to 1×10^{10} (Dyne/cm²) after the peeled layer is formed. Typically, nitrides or metals are preferable. A representative example is a single layer formed of an element elected from W, WN, TiN and TiW, an alloy material or a compound material having a principal component of these elements, or a laminated layer of these. In addition, it is fine to use sputtering for the first material layer 412.

[0079] As the substrate 411, glass, silica and ceramics can be used. Furthermore, a semiconductor substrate typically silicon, or a metal substrate typically stainless steel may be used. Here, a glass substrate (#1737) having a thickness of 0.7 mm is used.

[0080] Subsequently, a second material layer 413 is formed over the first material layer 412. As the second material layer 413, it is important to use materials that do not generate abnormality in peeling due to annealing in forming the peeled layer and the irradiation of laser light and have the compressive stress in the range of 1 to 1×10^{10} (Dyne/cm²) after the peeled layer is formed. As the second material layer 413, oxides are preferable. A representative example is silicon oxide, silicon oxide nitride and metal oxide materials, or a laminated layer of these. Moreover, it is fine to use sputtering to deposit the second material layer 413. When the second material layer 413 is deposited by sputtering, a rare gas typically argon gas is introduced into a chamber to contain a slight amount of a rare gas element in the second material layer 413.

[0081] In the first material layer 412 and the second material layer 413, the film thickness of each layer is properly set within the range of 1 to 1000 nm to adjust the internal stress in the first material layer 412 and the internal stress in the second material layer 413.

[0082] In addition, in FIGS. 4A to 4E, the embodiment is shown that the first material layer 412 is formed as contacting with the substrate 411 for simplifying the processes. However, it is acceptable that an insulating layer or metal layer to be a buffer layer is disposed between the substrate 411 and the first material layer 412 to enhance the adhesion to the substrate 411.

[0083] Then, a peeled layer 414 is formed over the second material layer 413. A peeled layer 414a includes TFTs (n-channel TFTs) in the pixel portion, pixel electrodes, retention capacitances, drive circuit TFTs (n-channel TFTs and p-channel TFTs) around the pixel portion, and wiring lines. In the embodiment, the reflective liquid crystal display

device is considered in which only external lights are utilized to obtain light emission. In this case, it is fine to use metals having high photoreflectance such as aluminum and silver for the pixel electrode. Furthermore, even though the internal stress in the second material layer 413 is varied from the internal stress in the first material layer 412, film removal is not generated due to annealing in the fabrication process of the peeled layer 414.

[0084] Subsequently, an alignment layer is formed over the pixel portion in the peeled layer 414 and rubbed in one direction. Therefore, the orientation of liquid crystal molecules that will be filled later can be aligned in one direction. After that, pillar or spherical spacers 415 are formed by patterning or spraying. Accordingly, the thickness of the layer of liquid crystals that will be filled later can be controlled.

[0085] Then, the treatment is performed in which the adhesion of the first material layer 412 to the second material layer 414 is partially reduced. The treatment of partially reducing the adhesion is the treatment that laser light is partially irradiated onto the second material layer or the first material layer along the rim of the area to be peeled, or the treatment that a local pressure is applied from outside along the rim of the area to be peeled and the inside or interface of the second material layer is partially damaged. More specifically, it is acceptable that a hard needle is pressed vertically with a diamond pen and moved with load. Preferably, it is fine that a scriber is used, an amount to press is set from 0.1 to 2 mm and pressure is applied to move the needle. In this manner, it is important to create a portion where the removal phenomenon tends to be generated before peeling, that is, to create a trigger. The pretreatment to selectively (partially) reduce the adhesion is performed, whereby defects in peeling are eliminated and the yield is enhanced as well.

[0086] Subsequently, as shown in FIG. 4B, an FPC 421 is bonded to a terminal electrode disposed at the end part of an interconnect wiring line connected to the TFTs disposed in the peeled layer 414.

[0087] Then, a support 423 is bonded to the substrate 411 (accurately, it is the oxide layer 413) with sealing agents 422a and 422b. However, in order to fill liquid crystals later, a filling port is disposed as 422a. The support 423 originally having curvature and elasticity is bonded with the external force applied. After bonded, the restoring force is exerted over the support 423, but the substrate 411 has a higher rigidity. Thus, the support does not return into the original shape at this stage. The existence of the spacers 415 allows the interval between the support 423 and the substrate 411 to be kept constant. In the liquid crystal display device, the support 423 is generally the opposite substrate, which is considered to have a color filter, a polarizer, a common electrode and an alignment layer (not shown) formed thereon beforehand. In the reflective liquid crystal display device, it is fine to use a transparent conductive film (ITO or IZO) for the common electrode.

[0088] As the sealing agents 422a and 422b, the reactive curing type, thermosetting type, photo-curing type and anaerobic type of adhesives are named. As the composition of the sealing agents, any sealing agents are fine such as the epoxy type, acrylate type, and silicon type. The formation of such the sealing agents is performed by coating. Further-